## CLAIMS

1.  A communication control method for a data
terminal which includes data communication module
for transmitting data to or receiving data from

5   another data terminal connected with the data
terminal through a communication line, the method
comprising the steps of:

detecting an interruption of the communication
line; and

10      when it is detected that the communication line
is interrupted, reestablishing the communication
line without informing the data communication module
of the interruption of the communication line.

15  2.  A communication control method according to
claim 1 further comprising the step of judging
whether to reestablish the interrupted communication
line, wherein when it is detected that the
communication line is interrupted, and it is judged

20  that the communication line should be reestablished,
the communication line is reestablished without
informing the data communication module of the
interruption of the communication line.

25  3.  A communication control method according to
claim 2, wherein it is judged, based on a cause for
the interruption of the communication line, whether
to reestablish the communication line.

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4. A communication control method according to claim 2 further comprising the step of diagnosing the condition of a network, wherein it is judged, based on the diagnosed condition of the network, whether to reestablish the communication line.

5. A communication control method according to claim 3 further comprising the step of diagnosing the condition of a network, wherein it is judged, based on the cause for the interruption of the communication line and the diagnosed condition of the network, whether to reestablish the communication line.

6. A communication control apparatus for controlling a data terminal with a data communication module for performing a data communication with another data terminal, the communication control apparatus comprising:

    a detector for detecting an interruption of the communication line; and

    a communication controller for reestablishing, when the detector detects an interruption of the communication line, the communication line without informing the data communication module of the interruption of the communication line.

7. A communication control apparatus according to claim 6 further comprising a judging module for judging whether to reestablish the interrupted

communication line, wherein when the detector
detects an interruption of the communication line,
and the judging module determines that the
communication line should be reestablished, the
5   communication controller reestablishes the
interrupted communication line without informing the
data communication module of the interruption of the
communication line.

10   8.   A communication control apparatus according to
claim 7, wherein the judging module judges, based on
a cause for the interruption of the communication
line, whether to reestablish the interrupted
communication line.

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9.   A communication control apparatus according to
claim 7 further comprising a diagnosing module for
diagnosing the condition of a network, wherein the
judging module judges, based on the diagnosed
20   condition of the network, whether to reestablish the
interrupted communication line.

10.   A communication control apparatus according to
claim 8 further comprising a diagnosing module for
25   diagnosing the condition of a network, wherein the
judging module judges, based on the cause for the
interruption of the communication circuit and the
diagnosed condition of the network, whether to
reestablish the interrupted communication line.

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11.  A communication control apparatus according to claim 9, wherein

the data communication module performs data communication through a portable terminal which wirelessly communicates with a radio base station,

the diagnosing module determines whether or not the portable terminal is within a wireless zone formed by the radio base station, and

the judging module judges, based on whether or not the portable terminal is within the wireless zone, whether to reestablish the interrupted communication line.

12.  A communication control apparatus according to claim 7 further comprising an inquiring module for sending an inquiry as to the condition of the network to an external diagnosing module for diagnosing the condition of the network, wherein the judging module judges, based on the condition of the network diagnosed by the external diagnosing module, whether to reestablish the interrupted communication line.

13.  A storage medium that stores a communication control program executed by a data terminal which includes data communication module for performing data communication with another data terminal through a communication line, the program comprising the steps of:

detecting an interruption of the communication line;

when it is detected that the communication line is interrupted, reestablishing the communication line without informing the data communication module of the interruption of the communication line.

14.  A storage medium that stores a communication control program according to claim 13, the program further comprising the step of judging whether to reestablish the interrupted communication line, wherein when it is detected that the communication line is interrupted, and it is judged that the communication line should be reestablished, the communication line is reestablished without informing the data communication module of the interruption of the communication line.

15.  A storage medium that stores a communication control program according to claim 14, wherein it is judged, based on a cause for the interruption of the communication line, whether to reestablish the communication line.

16.  A storage medium that stores a communication control program according to claim 14, the program further comprising the step of diagnosing the condition of a network, wherein it is judged, based on the diagnosed condition of the network, whether to reestablish the communication line.

17.   A storage medium that stores a communication
control program according to claim 15, the program
further comprising the step of diagnosing the
condition of a network, wherein it is judged, based
5   on the cause for the interruption of the
communication line and the diagnosed condition of
the network, whether to reestablish the
communication line.